

DESCRIPTION OF A NEW TOAD (*XENORHINA*) FROM
NEW GUINEA.

BY DR. A. GÜNTHER.

.(Plate VIII. fig. 1.)

THE genus *Xenorhina* was established by Peters in *M. B. Berlin Ac.* 1863, p. 82 for *Bombinator oxycephalus* Schleg., *Handl. Dierk.* II. p. 58. t. iv. fig. 74. Through the kindness of Dr. Jentink, I have been able to compare a toad from the Clyde River with this species of Schlegel's: there is not the least doubt that they belong to the same genus; but *B. oxycephalus* has a larger tympanum (3 mm. in a specimen 39 mm. long.), a larger eye (2.2 mm.), and the first and second fingers of the same length. The contracted state of the snout and the warts on the tip of the snout, considered to be characteristic of the genus and species, are due to the strength of the spirit in which the typical specimen was preserved.

***Xenorhina* Peters.**

Body and limbs stout; head broad and short, with the snout rounded. Eye very small, with round pupil. Mouth narrow; no teeth in the jaws or on the palate. Choanae widely apart, of moderate width. Tongue very large, oval, extending far into the pharynx, on the sides and behind narrowly free, with a deep groove running along its middle and terminating in the posterior margin of the tongue. Tympanum rather large, its outline being visible from below the general integument, below which it is hidden. Eustachian tubes rather wide, situated entirely on the side of the pharynx. Fingers and toes free, the latter with their extremities slightly dilated, and supported by T-shaped phalanges. Outer metatarsals united. No metatarsal tubercle or fold. Skin uniformly smooth. Diapophysis of sacral vertebra dilated.

Having one specimen only at present, I must defer the examination of the sternal apparatus.

***Xenorhina atra* sp. nov.**

The short snout has no *canthus rostralis* whatever, and the minute nostril is placed a little nearer to the end of the snout than to the eye. Fingers short, the first conspicuously shorter than the second, the second and fourth equal in length, the third projecting far beyond the others. Toes with the dilated tips smaller than the eye; the third rather longer than the fifth. Cleft of the mouth not extending backwards beyond the front margin of the orbit. Black, with an extremely fine threadlike greyish line along the median line of the back; sides more intensely black than back, and separated from it by a bluish shade. Snout and lower parts marbled with a very dark bluish grey.

Length of body	41 mm.
Length of orbit	1.4 "
Diameter of tympanum	2.4 "
Distance between vent and heel	35 "
Length of foot with tarsus	28 "
Length of foot without tarsus	17 "



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Ed. Green del et lith.

1. XENORHINA ATRA

Mintern Bi. Ges. lith.

2 3. DIPLOPELMA BUNGURANUM